

JAN 23 2006

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& PRESSER****Fax**

**To:** Examiner Dao H. Nguyen  
Art Unit: 2818

**From:** Leslie S. Szivos

**Fax:** 571-273-8300

**Pages:** 19 pages including fax cover sheet

**Phone:**

**Date:** 1/23/2006

**Re:** U.S. Patent Appin. No. 10/725,850  
Filed: December 2, 2003  
Docket: YOR920030602US1 (17242)  
Confirmation No. 3232

**CC:**

**RESPONSE TO OFFICE ACTION**

Please see the following documents:

1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.111
4. Certificate of transmission by facsimile dated January 23, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.  
Thank you.


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JAN 23 2006

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			<b>Docket No.</b>
Applicant(s): <b>Joel P. de Souza et al.</b>			<b>YOR920030602US1 (17242)</b>
<b>Application No.</b> <b>10/725,850</b>	<b>Filing Date</b> <b>December 2, 2003</b>	<b>Examiner</b> <b>Dao H. Nguyen</b>	<b>Group Art Unit</b> <b>2818</b>
<b>Invention: PLANAR SUBSTRATE WITH SELECTED SEMICONDUCTOR CRYSTAL ORIENTATIONS FORMED BY LOCALIZED AMORPHIZATION AND RECRYSTALLIZATION OF STACKED TEMPLATE LAYERS</b>			
<p>I hereby certify that this <u>RESPONSE UNDER 37 C.F.R. § 1.111</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>)</p> <p>on <u>January 23, 2006</u> (Date)</p> <p><u>Leslie S. Szivos, Ph.D.</u> (Typed or Printed Name of Person Signing Certificate)</p> <p><u>[Signature]</u> (Signature)</p>			
<p><b>Note: Each paper must have its own certificate of mailing.</b></p>			

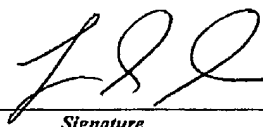
P18/REV02

JAN 23 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					<b>Docket No.</b> YOR920030602US1 (17242)	
Applicant(s): Joel P. de Souza et al.						
<b>Application No.</b> 10/725,850	<b>Filing Date</b> December 2, 2003	<b>Examiner</b> Dao H. Nguyen	<b>Customer No.</b> 23389	<b>Group Art Unit</b> 2818	<b>Confirmation No.</b> 3232	
<b>Invention:</b> PLANAR SUBSTRATE WITH SELECTED SEMICONDUCTOR CRYSTAL ORIENTATIONS FORMED BY LOCALIZED AMORPHIZATION AND RECRYSTALLIZATION OF STACKED TEMPLATE LAYERS						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>	
<b>TOTAL CLAIMS</b>	43 -	55 =	0	x \$50.00	\$0.00	
<b>INDEP. CLAIMS</b>	3 -	3 =	0	x \$200.00	\$0.00	
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 Signature						
<div style="display:flex; justify-content:space-between;"><div><b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b> <b>SCULLY, SCOTT, MURPHY &amp; PRESSER, P.C.</b> <b>400 Garden City Plaza - Suite 300</b> <b>Garden City, New York 11530</b></div><div style="border:1px solid black; padding:5px; width:45%;"><p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p><p>(Date)</p><p>_____ Signature of Person Mailing Correspondence</p><p>_____ Typed or Printed Name of Person Mailing Correspondence</p></div></div>						
CC:						

P11LARGE/REV09

JAN 23 2006

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>YOR920030602US1 (17242)</b>							
Applicant(s): <b>Joel P. de Souza et al.</b>												
Application No. <b>10/725,850</b>	Filing Date <b>December 2, 2003</b>	Examiner <b>Dao H. Nguyen</b>	Customer No. <b>23389</b>	Group Art Unit <b>2818</b>	Confirmation No. <b>3232</b>							
Invention: <b>PLANAR SUBSTRATE WITH SELECTED SEMICONDUCTOR CRYSTAL ORIENTATIONS FORMED BY LOCALIZED AMORPHIZATION AND RECRYSTALLIZATION OF STACKED TEMPLATE LAYERS</b>												
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INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00							
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00							
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>							
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>50-0510/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.												
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>												
 Signature			Dated: <b>January 23, 2006</b>									
<b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b> <b>SCULLY, SCOTT, MURPHY &amp; PRESSER, P.C.</b> <b>400 Garden City Plaza - Suite 300</b> <b>Garden City, New York 11530</b>			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</td> </tr> <tr> <td style="width:50%; text-align: center;">_____ (Date)</td> <td style="width:50%; text-align: center;">_____ Signature of Person Mailing Correspondence</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on		_____ (Date)	_____ Signature of Person Mailing Correspondence	_____ Typed or Printed Name of Person Mailing Correspondence	
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_____ (Date)	_____ Signature of Person Mailing Correspondence											
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CC:												

P11LARGE/REV09

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Joel P. de Souza et al.

**Examiner:** Dao H. Nguyen

**Serial No:** 10/725,850

**Art Unit:** 2818

**Filed:** December 2, 2003

**Docket:** YOR920030602US1 (17242)

**For:** PLANAR SUBSTRATE WITH SELECTED SEMICONDUCTOR CRYSTAL  
ORIENTATIONS FORMED BY LOCALIZED AMORPHIZATION AND  
RECRYSTALLIZATION OF STACKED TEMPLATE LAYERS

**Dated:** January 23, 2006

**Confirmation No.:** 3232

Mailstop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 C.F.R. § 1.111**

Sir:


In response to the Office Action dated October 21, 2005, applicants respectfully request that the following amendments and remarks be entered in the above-identified patent application.

---

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: January 23, 2006

  
Leslie S. Szivos

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